



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 6

Test Date: March 2009  
Code: 12201572  
SAU: MSAD 26  
School: Cave Hill School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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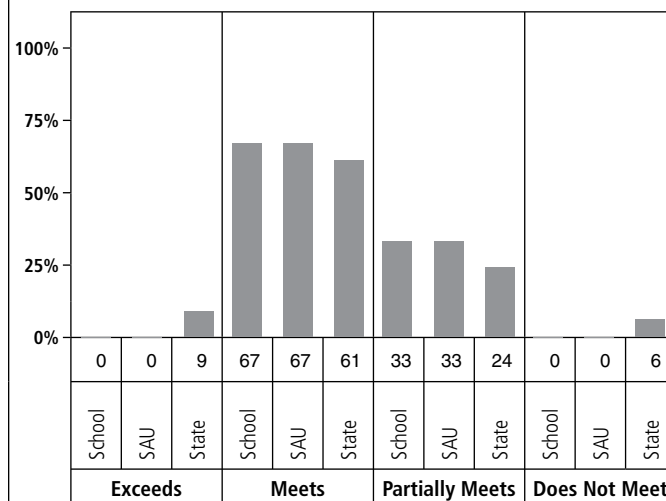
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 6  
SAU: MSAD 26  
School: Cave Hill School

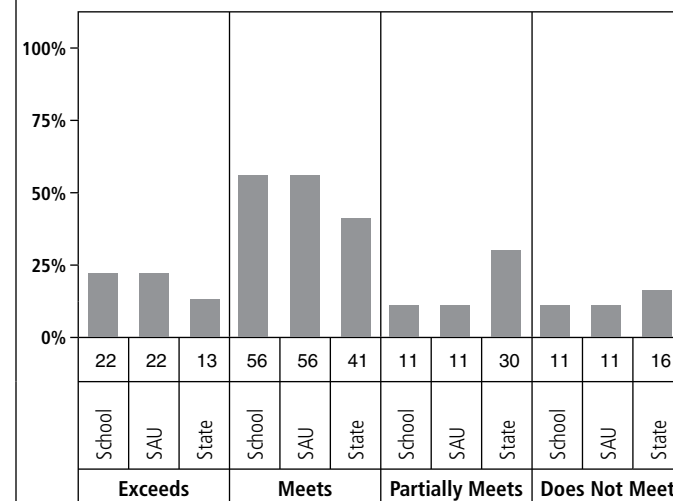
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	641	642	646
2007–2008	646	646	648
<b>2008–2009</b>	<b>646</b>	<b>646</b>	<b>647</b>
Cum. Avg.*	644	645	647
<b>Mathematics</b>			
2006–2007	651	651	643
2007–2008	650	650	642
<b>2008–2009</b>	<b>652</b>	<b>652</b>	<b>643</b>
Cum. Avg.*	651	651	643

## ELA – READING



## MATHEMATICS



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 6  
SAU: MSAD 26  
School: Cave Hill School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	9	100	9	100	14251	100	9	100	9	100	14150	99	9	100	9	100	14156	100						
<b>Ethnicity</b> African American/Black	0	0	0	0	421	3	0	0	0	0	412	98	0	0	0	0	415	99						
American Indian or Native Alaskan	0	0	0	0	128	1	0	0	0	0	127	99	0	0	0	0	128	100						
Asian or Pacific Islander	0	0	0	0	212	1	0	0	0	0	210	99	0	0	0	0	212	100						
Hispanic	0	0	0	0	181	1	0	0	0	0	177	98	0	0	0	0	178	99						
Caucasian/White	9	100	9	100	13309	93	9	100	9	100	13224	100	9	100	9	100	13223	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
<b>Identified disability</b>	2	22	2	22	2468	17	2	100	2	100	2423	99	2	100	2	100	2426	99						
<b>Current LEP</b>	0	0	0	0	341	2	0	0	0	0	330	97	0	0	0	0	338	99						
<b>Economically disadvantaged</b>	5	56	5	56	5780	41	5	100	5	100	5724	99	5	100	5	100	5725	99						
<b>Migrant</b>	0	0	0	0	4	0	0	0	0	0	4	100	0	0	0	0	4	100						

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	7	78	7	78	11369	80	7	78	7	78	11373	80						
Identified disability (PET/IEP)	0	0	0	0	355	3	0	0	0	0	371	3						
LEP	0	0	0	0	167	1	0	0	0	0	170	1						
504 plan	0	0	0	0	172	2	0	0	0	0	175	2						
<b>Participation with accommodations</b>	2	22	2	22	2594	18	2	22	2	22	2605	18						
Identified disability (PET/IEP)	2	100	2	100	1881	73	2	100	2	100	1877	72						
LEP	0	0	0	0	155	6	0	0	0	0	161	6						
504 plan	0	0	0	0	74	3	0	0	0	0	71	3						
Other	0	0	0	0	519	20	0	0	0	0	532	20						
<b>Participation through alternate assessment (PAAP)</b>	0	0	0	0	187	1	0	0	0	0	178	1						
Identified disability (PET/IEP)	0	0	0	0	187	100	0	0	0	0	178	100						
LEP	0	0	0	0	8	4	0	0	0	0	7	4						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	26	0	0	0	0	0	25	0						
<b>Non-participation – other</b>	0	0	0	0	75	1	0	0	0	0	70	0						

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 6  
SAU: MSAD 26  
School: Cave Hill School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 662–680)	2006-2007	1	10	1	11	1132	8
	2007-2008	0	0	0	0	1817	13
	<b>2008-2009</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1309</b>	<b>9</b>
	Cum. Total*	1	4	1	4	4258	10
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 642–660)	2006-2007	3	30	3	33	8127	57
	2007-2008	5	71	5	71	8072	57
	<b>2008-2009</b>	<b>6</b>	<b>67</b>	<b>6</b>	<b>67</b>	<b>8564</b>	<b>61</b>
	Cum. Total*	14	54	14	56	24763	59
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 630–640)	2006-2007	4	40	4	44	3549	25
	2007-2008	1	14	1	14	3194	23
	<b>2008-2009</b>	<b>3</b>	<b>33</b>	<b>3</b>	<b>33</b>	<b>3291</b>	<b>24</b>
	Cum. Total*	8	31	8	32	10034	24
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 600–628)	2006-2007	2	20	1	11	1478	10
	2007-2008	1	14	1	14	981	7
	<b>2008-2009</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>799</b>	<b>6</b>
	Cum. Total*	3	12	2	8	3258	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	34.3	61.3	34.3	61.3	33.8	60.4
A1/A2 Interconnected Elements/Literary Text	20	36	13.0	65.0	13.0	65.0	11.9	59.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.3	59.2	21.3	59.2	21.9	60.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 6  
SAU: MSAD 26  
School: Cave Hill School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	9	0	0	6	67	3	33	0	0	646	9	0	67	33	0	646	13963	9	61	24	6	647
<b>Ethnicity</b>																						
African American/Black	0										0						403	5	46	34	15	641
American Indian or Native Alaskan	0										0						125	4	49	38	10	642
Asian or Pacific Islander	0										0						206	18	56	20	6	649
Hispanic	0										0						174	5	55	33	7	644
Caucasian/White	9	0	0	6	67	3	33	0	0	646	9	0	67	33	0	646	13055	9	62	23	5	647
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	2										2						2236	1	30	48	22	637
No	7	0	0	5	71	2	29	0	0	648	7	0	71	29	0	648	11727	11	67	19	3	649
<b>Current LEP</b>																						
Yes	0										0						322	2	39	37	21	638
No	9	0	0	6	67	3	33	0	0	646	9	0	67	33	0	646	13641	10	62	23	5	647
<b>Economically disadvantaged</b>																						
Yes	5	0	0	4	80	1	20	0	0	646	5	0	80	20	0	646	5617	4	54	33	9	643
No	4										4						8346	13	66	17	3	650
<b>Migrant</b>																						
Yes	0										0						4					
No	9	0	0	6	67	3	33	0	0	646	9	0	67	33	0	646	13959	9	61	24	6	647
<b>Gender</b>																						
Female	4										4						6743	13	63	20	4	649
Male	5	0	0	4	80	1	20	0	0	650	5	0	80	20	0	650	7220	6	60	27	7	645
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	1										1						1408	4	41	43	12	641
No	8	0	0	6	75	2	25	0	0	647	8	0	75	25	0	647	12555	10	64	21	5	648
<b>Gifted/talented program</b>																						
Yes	0										0						636	39	59	2	0	659
No	9	0	0	6	67	3	33	0	0	646	9	0	67	33	0	646	13327	8	61	25	6	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 6  
SAU: MSAD 26  
School: Cave Hill School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	33	0	0	1	33	2	67	0	0	646	33	0	33	67	0	646	6	5	47	32	16	642
B. less than one hour	44	0	0	3	75	1	25	0	0	648	44	0	75	25	0	648	59	9	62	24	5	647
C. one to two hours	22	0	0	2	100	0	0	0	0	645	22	0	100	0	0	645	32	11	64	21	4	648
D. more than two hours	0										0						3	10	50	26	13	644
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	22	0	0	1	50	1	50	0	0	649	22	0	50	50	0	649	31	17	66	14	3	651
B. good	67	0	0	4	67	2	33	0	0	646	67	0	67	33	0	646	48	8	64	23	5	647
C. fair	11	0	0	1	100	0	0	0	0	642	11	0	100	0	0	642	18	2	48	40	10	641
D. poor	0										0						2	1	34	47	18	638
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	11	0	0	1	100	0	0	0	0	658	11	0	100	0	0	658	38	13	65	18	3	650
B. They match some of what I have learned.	33	0	0	3	100	0	0	0	0	648	33	0	100	0	0	648	49	8	63	24	5	647
C. They match just a little of what I have learned.	33	0	0	1	33	2	67	0	0	645	33	0	33	67	0	645	10	5	48	36	11	642
D. There is no match.	22	0	0	1	50	1	50	0	0	641	22	0	50	50	0	641	3	3	35	38	24	639
<b>How difficult was the reading part of this test?</b>																						
A. more difficult than my regular schoolwork	0										0						16	7	52	30	11	644
B. about the same as my regular schoolwork	89	0	0	6	75	2	25	0	0	647	89	0	75	25	0	647	66	10	64	22	4	648
C. easier than my regular schoolwork	11	0	0	0	0	1	100	0	0	640	11	0	0	100	0	640	17	11	61	22	5	648
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	0										0						10	2	39	42	17	639
B. Most of the passages were about the same as what I normally read.	75	0	0	4	67	2	33	0	0	645	75	0	67	33	0	645	55	6	62	27	5	646
C. Most of the passages were easier than what I normally read.	25	0	0	1	50	1	50	0	0	649	25	0	50	50	0	649	35	16	67	14	3	651
<b>How hard did you try on the reading part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	67	0	0	4	67	2	33	0	0	648	67	0	67	33	0	648	48	10	60	24	6	647
B. I tried about the same as I do on my regular schoolwork.	22	0	0	2	100	0	0	0	0	645	22	0	100	0	0	645	49	10	63	22	5	648
C. I did not try as hard on this test as I do on my regular schoolwork.	11	0	0	0	0	1	100	0	0	640	11	0	0	100	0	640	3	3	53	29	15	642
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	11	0	0	1	100	0	0	0	0	648	11	0	100	0	0	648	23	15	65	16	4	650
B. 20 minutes to an hour	56	0	0	3	60	2	40	0	0	644	56	0	60	40	0	644	49	10	64	22	4	648
C. less than 20 minutes	22	0	0	1	50	1	50	0	0	649	22	0	50	50	0	649	11	6	58	29	7	645
D. I rarely read at home.	11	0	0	1	100	0	0	0	0	654	11	0	100	0	0	654	17	2	51	36	11	642
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 6  
SAU: MSAD 26  
School: Cave Hill School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 662–680)	2006-2007	3	30	3	33	2092	15
	2007-2008	2	29	2	29	1474	10
	<b>2008-2009</b>	<b>2</b>	<b>22</b>	<b>2</b>	<b>22</b>	<b>1807</b>	<b>13</b>
	Cum. Total*	7	27	7	28	5373	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 642–660)	2006-2007	6	60	5	56	5731	40
	2007-2008	3	43	3	43	6008	43
	<b>2008-2009</b>	<b>5</b>	<b>56</b>	<b>5</b>	<b>56</b>	<b>5662</b>	<b>41</b>
	Cum. Total*	14	54	13	52	17401	41
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 628–640)	2006-2007	0	0	0	0	4175	29
	2007-2008	1	14	1	14	4244	30
	<b>2008-2009</b>	<b>1</b>	<b>11</b>	<b>1</b>	<b>11</b>	<b>4219</b>	<b>30</b>
	Cum. Total*	2	8	2	8	12638	30
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 600–626)	2006-2007	1	10	1	11	2308	16
	2007-2008	1	14	1	14	2346	17
	<b>2008-2009</b>	<b>1</b>	<b>11</b>	<b>1</b>	<b>11</b>	<b>2290</b>	<b>16</b>
	Cum. Total*	3	12	3	12	6944	16

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	36.6	65.4	36.6	65.4	30.6	54.6
<b>A. Number</b>	<b>18</b>	<b>32</b>	13.1	72.8	13.1	72.8	10.3	57.2
<b>B. Data</b>	<b>12</b>	<b>21</b>	7.3	60.8	7.3	60.8	6.6	55.0
<b>C. Geometry</b>	<b>14</b>	<b>25</b>	9.0	64.3	9.0	64.3	7.3	52.1
<b>D. Algebra</b>	<b>12</b>	<b>21</b>	7.1	59.2	7.1	59.2	6.5	54.2

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 6  
SAU: MSAD 26  
School: Cave Hill School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	9	2	22	5	56	1	11	1	11	652	9	22	56	11	11	652	13978	13	41	30	16	643
<b>Ethnicity</b>																						
African American/Black	0										0						406	4	26	36	34	633
American Indian or Native Alaskan	0										0						126	4	29	40	28	635
Asian or Pacific Islander	0										0						208	18	47	23	12	647
Hispanic	0										0						175	5	31	41	23	638
Caucasian/White	9	2	22	5	56	1	11	1	11	652	9	22	56	11	11	652	13063	13	41	30	16	643
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	2										2						2248	3	18	33	46	629
No	7	2	29	5	71	0	0	0	0	659	7	29	71	0	0	659	11730	15	45	30	11	646
<b>Current LEP</b>																						
Yes	0										0						331	3	22	35	40	631
No	9	2	22	5	56	1	11	1	11	652	9	22	56	11	11	652	13647	13	41	30	16	643
<b>Economically disadvantaged</b>																						
Yes	5	1	20	2	40	1	20	1	20	644	5	20	40	20	20	644	5620	6	33	37	25	637
No	4										4						8358	18	45	26	11	647
<b>Migrant</b>																						
Yes	0										0						4					
No	9	2	22	5	56	1	11	1	11	652	9	22	56	11	11	652	13974	13	41	30	16	643
<b>Gender</b>																						
Female	4										4						6738	12	40	32	16	642
Male	5	2	40	3	60	0	0	0	0	663	5	40	60	0	0	663	7240	14	41	29	16	644
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	1										1						1410	3	24	41	32	634
No	8	2	25	4	50	1	13	1	13	651	8	25	50	13	13	651	12568	14	42	29	15	644
<b>Gifted/talented program</b>																						
Yes	0										0						637	65	32	3	0	665
No	9	2	22	5	56	1	11	1	11	652	9	22	56	11	11	652	13341	10	41	31	17	642

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 6  
SAU: MSAD 26  
School: Cave Hill School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	33	1	33	2	67	0	0	0	0	663	33	33	67	0	0	663	6	7	32	28	32	636
B. less than one hour	44	1	25	2	50	0	0	1	25	650	44	25	50	0	25	650	59	13	41	30	16	643
C. one to two hours	22	0	0	1	50	1	50	0	0	638	22	0	50	50	0	638	32	14	41	31	14	644
D. more than two hours	0										0						3	11	31	33	26	639
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	44	2	50	1	25	0	0	1	25	657	44	50	25	0	25	657	30	27	45	18	9	651
B. good	33	0	0	3	100	0	0	0	0	652	33	0	100	0	0	652	46	9	45	31	15	643
C. fair	22	0	0	1	50	1	50	0	0	641	22	0	50	50	0	641	20	2	29	43	26	635
D. poor	0										0						4	1	15	46	38	630
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	11	1	100	0	0	0	0	0	0	666	11	100	0	0	0	666	35	18	42	27	13	646
B. They match some of what I have learned.	33	1	33	2	67	0	0	0	0	661	33	33	67	0	0	661	50	11	43	31	15	643
C. They match just a little of what I have learned.	44	0	0	2	50	1	25	1	25	641	44	0	50	25	25	641	13	8	31	36	26	638
D. There is no match.	11	0	0	1	100	0	0	0	0	654	11	0	100	0	0	654	3	5	16	27	51	628
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	33	1	33	1	33	1	33	0	0	654	33	33	33	33	0	654	32	7	40	34	20	640
B. about the same as my regular schoolwork	44	1	25	2	50	0	0	1	25	648	44	25	50	0	25	648	56	13	42	30	15	644
C. easier than my regular schoolwork	22	0	0	2	100	0	0	0	0	657	22	0	100	0	0	657	12	31	36	20	13	650
<b>How hard did you try on the mathematics part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	56	1	20	4	80	0	0	0	0	658	56	20	80	0	0	658	51	11	41	31	16	643
B. I tried about the same as I do on my regular schoolwork.	33	1	33	1	33	1	33	0	0	651	33	33	33	33	0	651	45	15	41	29	16	644
C. I did not try as hard on this test as I do on my regular schoolwork.	11	0	0	0	0	0	0	1	100	624	11	0	0	0	100	624	4	12	28	32	28	638
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	0										0						6	8	29	29	34	635
B. 30–45 minutes	11	0	0	0	0	0	0	1	100	624	11	0	0	0	100	624	33	10	37	34	19	641
C. 45–60 minutes	33	0	0	2	67	1	33	0	0	643	33	0	67	33	0	643	45	15	44	29	12	645
D. more than 60 minutes	56	2	40	3	60	0	0	0	0	663	56	40	60	0	0	663	16	15	41	28	16	644
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	0										0						9	14	35	29	22	641
B. two or three days a week	0										0						26	15	40	30	16	644
C. two or three times each month	11	0	0	1	100	0	0	0	0	656	11	0	100	0	0	656	31	13	43	30	14	644
D. never or almost never	89	2	25	4	50	1	13	1	13	651	89	25	50	13	13	651	34	11	40	31	18	642
<b>How often do you use hands-on materials in mathematics class?</b>																						
A. almost every day	22	0	0	2	100	0	0	0	0	650	22	0	100	0	0	650	17	8	35	33	24	639
B. two or three days a week	0										0						28	13	42	30	15	643
C. two or three times each month	33	1	33	1	33	1	33	0	0	650	33	33	33	33	0	650	31	15	43	30	13	645
D. never or almost never	44	1	25	2	50	0	0	1	25	654	44	25	50	0	25	654	23	14	39	30	17	643
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

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